6-24 x 72 / 6-24 x 56

Telescopic sights

The lens diameter considerably influences the optical capabilities of a telescopic sight. With increasing magnification, the brightness of the sene diminishes. This factor plays a key role in the military, in particular, where long ranges are common. Under adverse weather conditions such as precipitation, twilight and haze, high magnification often leads to unwanted results.

Thereforce, we have limited our 6 x to 24 x telescopic sights to a magnification range that is both beneficial and noticeable to the user and combined it with a choice of a 56 mm or 72 mm lens.

Our 6 - 24 x 56 is the right telescopic sight when extremely precise adjustability and very high magnification are required.

The new Sensor House

HENSOLDT
Detect and Protect.

6-24x72/6-24x56

Optical data		
System	**6x - 24x72**	**6x - 24x56**
Magnification	6x - 24x	
Exit pupil	12.0 to 3.0 mm	9.3 - 2.3 mm
Fields of view (at 1000 m)	61 - 17 m	
Dioptre adjustment	-2.5 dpt to +2 dpt	
Transmission	approx. 90%	90%
Elevation/azimuth click stops Elevation	0.1 mrad (1 cm/100 m)	0.05 mrad (0.5 cm/100 m)
Max elevation adjustment range in cm/100 m	200 cm/100 m	160 cm/100 m
Max azimuth adjustment range in cm/100 m	±50 cm/100 m	
Parallax compensation	50 m to ∞ m	
Reticle	2nd image plane	
Electrical data		
Reticle illumination	red	
Automatic reticle illumination shutoff	after 3 h (adjustable according to customer needs)	
Low battery display	optical, illuminated reticle pulses after it is turned on	
Power supply	3 V CR 2032 to -20°C button cell; alternatively: 3 V BR 2032 to -40°C; on 6 - 24x72 SAM additionally 2xCR123	
Mechanical data		
Dimensions (L x W x H)	380x94x87 mm	385x94x78 mm
Ring diameter (assembly)	34 mm	30 mm
Weight	1100 g	850 g
Features		
Very high twilight performance, brilliant and high-contrast image even at high magnification		
Ambient conditions		
Environmental test:	MIL-STD-810G, DIN ISO 9022 (excerpt) Features	

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